

FIG Working Week Eilat, Israel 3-8 May 2009

Evaluating Young Surveyors for a Sustainable World

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3-8 May 2009

Content

- Motivation
- Inputs
- Outputs
- Current Trends
- Implementation in FIG YS



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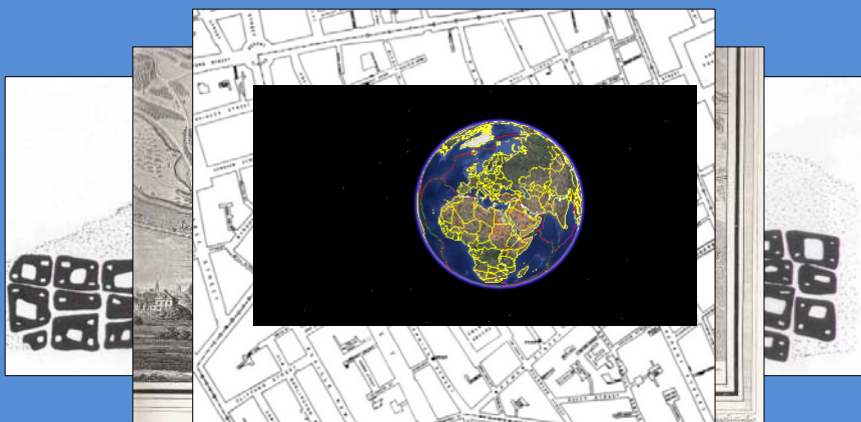
Motivation

International Federation of Surveyors

The traditional description for “ ” is now far away which played significant keyroles in civilizations for thousands of years.

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Evaluation in Mapping
An Example:
Use of Map as a Geospatial Tool for Centruies



Inputs

QUESTIONS

- Lack of Students in the fields of surveying?
- Excessive amount of students?
- Not enough facilities or options for a high level qualification in Education?
- Different Types of Education Programmes
- Focuses and capabilities of Institutes and Universities
- International and Local Policies such as Global Environmental Problems
- Different Country Profiles/Demands

HO Working Week 11a/Israel
1-8 May 2022

Roles of Next Generation Surveyors

Futuristic roles of Surveyors in modern societies

Roles in developing countries

Demands in Poor Societies

How to attract newcomers, giving the overall reputation of profession and providing the necessary qualifications to the new generations in order to fulfill the current demands/future demands

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Does a Win – Win Solution Exist?

FIG Working Week Istanbul 3-8 May
2009

Solution?

If the World will be only one country there won't need much to talk for evaluating surveyors, but it is not!

Applications are in Progress to establish local and international solutions,

On the other hand mankind is already united on the new map! Google Earth!!

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Outputs

- Changes in the education programs, even more bold steps:
Changing the names of institutes
- International Policies and Standards such as ISO Standards
- International and local efforts and researchs to sustain education of surveyors

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Example Works in FIG

- Due to the lack of new blood to the Society FIG has introduced Young Surveyors
- Young Surveyors started to marketing, giving a burning “ a sexy style” to be involved in FIG.
- Teamwork and participation in YS and outputs such as newsletters and Young Surveyors Beyond Horizons.
- Second step organizing events in the FIG events
 - Speed Mentoring
 - Sessions on YS development
 - Social Events

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FIG YS Workshop on Establishing the
Terms of Reference, Cairo 2006

Rome
was not
built
in a
day!



FIG WW

Introducing Turkish Delight to Volunteer
students at FIG WW Hong Kong 2007



1-3 May 2007



What is it there on the other side
of the coin?



Local Example- Turkey

- Free entry to events who are student members of the Chamber
- Surveyors Social Workshop
- Student and Young Professional Sessions on National Events
- TMMOB –Union of Turkish Architects and Engineers Chambers, Summer Camp

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International Case

- Sister Society;
ISPRS- Student Consortium (SC) since 2004
- Organizing WorldWide Summer Schools
- E-learning Projects
- An Independent unit within the ISPRS as a gateway to the Society runned by students and young professionals

The Working Week (1st/2nd/3rd)
3-8 May 2003

A Sample Program for ISPRS SC Summer Schools

Preliminary Program of the 3rd ISPRS Summer School, Nanjing, China
Acquisition, processing and representation of three-dimensional geospatial information

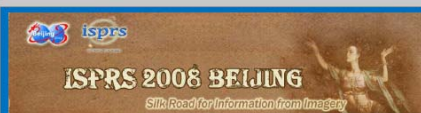
	26 June 2008 <i>Thursday</i>	27 June 2008 <i>Friday</i>	28 June 2008 <i>Saturday</i>	29 June 2008 <i>Sunday</i>	30 June 2008 <i>Monday</i>	1 July 2008 <i>Tuesday</i>
8:30		Opening Ceremony	Lecture: Image based 3D city modeling <i>By Armin Gruen</i>	Lecture: Virtual 3D city models and CityGML <i>By Juergen Doolittle</i>	Lecture: 3D modelling from laser scanning data <i>By George Vosselman</i>	Lecture: Distributed Virtual Geographic environment <i>By Hai Lin</i>
9:00		Lecture: Internet based measurable image service <i>By Deren Li</i>	Lecture: Image based 3D city modeling <i>By Armin Gruen</i>	Lecture: Virtual 3D city models and CityGML <i>By Juergen Doolittle</i>	Lecture: 3D modelling from laser scanning data <i>By George Vosselman</i>	Lecture: Distributed Virtual Geographic environment <i>By Hai Lin</i>
9:30		coffee break	coffee break	coffee break	coffee break	coffee break
10:00		coffee break	coffee break	coffee break	coffee break	coffee break
10:30		Lecture: Internet based measurable image service <i>By Deren Li</i>	Lecture: Image based 3D city modeling <i>By Armin Gruen</i>	Lecture: Virtual 3D city models and CityGML <i>By Juergen Doolittle</i>	Lecture: 3D modelling from laser scanning data <i>By George Vosselman</i>	Lecture: Distributed Virtual Geographic environment <i>By Hai Lin</i>
11:00		coffee break	coffee break	coffee break	coffee break	coffee break
12:00		lunch	lunch	lunch	lunch	lunch
13:00						
14:00		Practical aspects	Technical visits: Jiangsu Provincial Bureau of Surveying and Mapping	Practical aspects	City tour: (1)ZhongShan Mausoleum (2) Zhonghua Gate (3)Presidential Palace	Student session: Oral representation of young authors papers
15:10	Registration	coffee break	coffee break	coffee break		coffee break
16:00		Panel discussion:	Panel discussion:	Panel discussion:		Closing Ceremony
18:00			supper	supper	supper	supper
19:00		Reception party		Student party		
20:00						Go to Beijing by train
21:00						

Legend: Theory Practice Excursions Committee Student session Social events

International Summer Schools



King Wen



Youth



- Oral and Poster Sessions dedicated to Youth
- Guideline Sessions
- Best Awards



ISPRS Working Week (1st/2nd) 3-8 May 2008

FIG may face..

- After taking interest of students and youth to FIG there is a lot more to do!
 - For a top class international technical society
 - To change the way that surveyors seem to in the world
 - To provide easy standards and issues to society for a sustainable world

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Beyond the current activities should a new approach be taken in FIG?

- Young Generation is rounding around the world, They would love to taste the a slice of FIG cake. However, we need to see if there is a lot to eat on the table and they taste nice..
- FIG annual workshops dedicated to international to young surveyors and/or local technical and scientific events for youth run by the youth with the guidelines of the society can help us.

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Thank you for your attention...



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